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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
08/484,918	06/07/95	MOORE	C

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EXAMINER
ENG, D

ART UNIT	PAPER NUMBER
2315	11

DATE MAILED: 04/03/97

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

#### OFFICE ACTION SUMMARY

☒ Responsive to communication(s) filed on 11/9/97

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 D.C. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

#### Disposition of Claims

☒ Claim(s) 19-21, 65-67 + 72-79 is/are pending in the application.  
Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
☐ Claim(s) \_\_\_\_\_ is/are allowed.  
☒ Claim(s) 19-21, 65-67 + 72-79 is/are rejected.  
☐ Claim(s) \_\_\_\_\_ is/are objected to.  
☐ Claim(s) \_\_\_\_\_ are subject to restriction or election requirement.

#### Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.  
☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.  
☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.  
☐ The specification is objected to by the Examiner.  
☐ The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. § 119

☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).  
☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.  
☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_  
☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e).

#### Attachment(s)

☒ Notice of Reference Cited, PTO-892  
☐ Information Disclosure Statement(s), PTO-1449, Paper No(s) \_\_\_\_\_  
☐ Interview Summary, PTO-413  
☒ Notice of Draftsperson's Patent Drawing Review, PTO-948  
☐ Notice of Informal Patent Application, PTO-152

-SEE OFFICE ACTION ON THE FOLLOWING PAGES-

Art Unit: 2315

The active claims are 19-21, 65-67 and 72-79.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 19-21, 65-67 and 72-79 are rejected under 35 U.S.C. 103(a) as being unpatentable over Magar in view of Pelgrom.

See at least Figures 1 and 2 and the corresponding description in the specification of Magar. Figure 1 shows a data processing system having a single chip microcomputer 10 and an I/O interface 12. Figure 2a shows that the microcomputer includes clock generator and a cpu (the rest of the components). Although Mager's microprocessor is fabricated on the same chip, Magar does not explicitly state that the components are constructed of the same process technology with corresponding manufacturing variations. See lines 40-43 in column 4 of Pelgrom. Pelgrom teaches that electronic components would exhibit same characteristics if they are manufactured by the same process technology. Since Pelgrom's microprocessor is made of electronic components, it would be obvious, from the teaching of Pelgrom, to a person of ordinary skill in the art to have the components of Magar's microprocessor and clock (oscillator) made of the same process for ensuring processing frequency of the cpu to track the clock rate in response to the parameter variations.